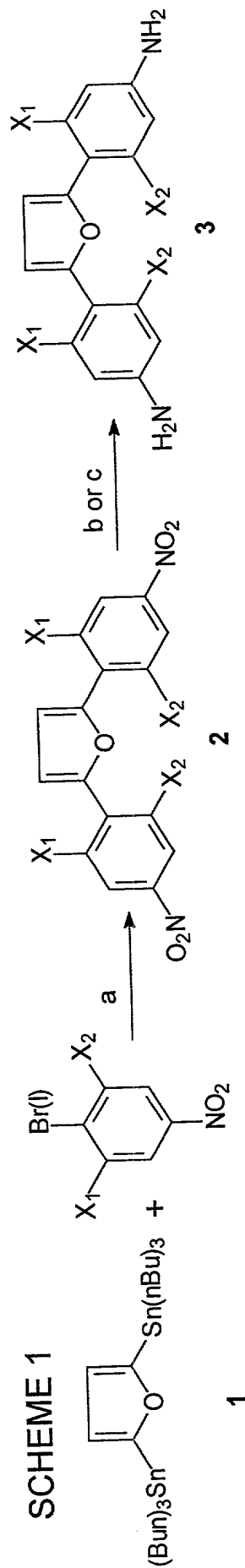


SCHEME 1



Legend for compounds 2-5:

- a: $X_1 = H, X_2 = H$
- b: $X_1 = Me, X_2 = H$
- c: $X_1 = OMe, X_2 = H$
- d: $X_1 = Cl, X_2 = H$
- e: $X_1 = CF_3, X_2 = H$
- f: $X_1 = Me, X_2 = Me$

(a) $Pd(PPh_3)_4, 1,4\text{-dioxane}, \Delta$

(b) $H_2, Pd/C, EtOAc, EtOH$

(c) $SnCl_2 \text{ dihydrate}, EtOH, DMSO \Delta$

SCHEME 2

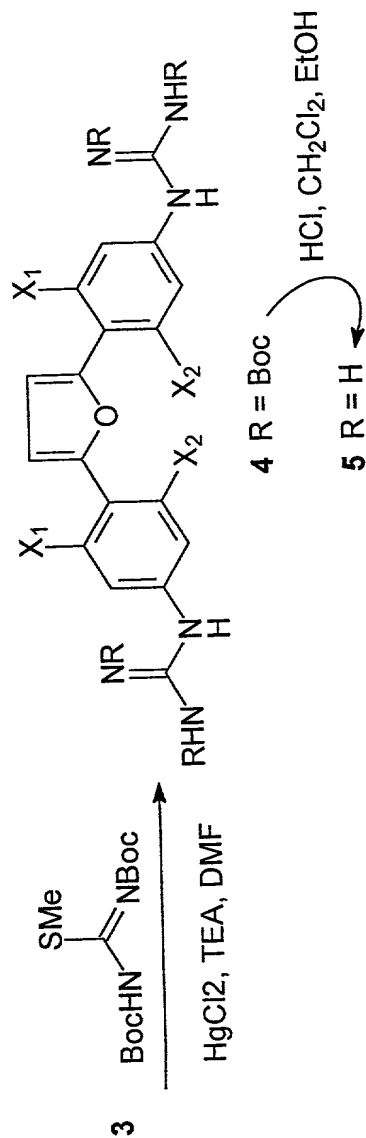


FIG. 1